

PRE-CERCLIS SCREENING/NEW SITE ASSIGNMENT FORM

EPA ID NUMBER: None

PRN 800 206 358

SITE NAME: Laundry Espinosa

PREVIOUS NAMES (AKAs): None

SITE LOCATION:

Street address: Route 2, Km 27.4

City: Bo. Espinosa, Dorado

State: Puerto Rico

Zip code: 00646

County: Not Applicable

BLOCK: N/A

LOT: N/A

LATITUDE (decimal degrees): +18.407145219

LONGITUDE (decimal degrees): -66.30196708

a. Accuracy meters: 1.02

b. Collection method: Global Positioning System

c. Reference datum: WGS84

d. Reference point: Driveway entrance (customer parking)

e. Source map scale: None

f. Point/line/area: Point

g. Collection date: 8/27/2009

(See attachment 1 for available values)

AVAILABLE SITE TYPE MAIN CATEGORIES: Other

AVAILABLE SITE TYPE MAIN SUBCATEGORIES: Retail/commercial (dry cleaning service)

(See attachment 2 for available values)

COMPLETE THE FOLLOWING CHECKLIST.

	YES	NO
1. Does the site already appear in CERCLIS?		X
2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?		X
3. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?		X
4. Is the release into a public or private drinking water supply due to deterioration of the water supply system through ordinary use?		X
5. Is some other program actively involved with the site (i.e., another Federal, State or Tribal program)?		X
6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA or OSHA)?	X	



7. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)?		X
8. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, previous HRS score determined, ASTM Phase I, II, etc. completed, EPA approved risk assessment completed)?		X

EXPLAIN ALL YES ANSWERS:

A 500-gallon diesel tank is present on site. Petroleum products, including diesel, fall under CERCLA's petroleum exclusion provisions.

SITE DETERMINATION:

 X **FURTHER ASSESSMENT IS RECOMMENDED. ENTER SITE INTO CERCLIS.**

 THE SITE IS NOT RECOMMENDED FOR PLACEMENT INTO CERCLIS.

DISCUSS DECISION AND RATIONALE:

Pre-CERCLIS screening activities at this facility are being conducted under EPA's Maguayo Site Discovery. A review of Puerto Rico Aqueduct and Sewer Authority (PRASA) quarterly public well system organic analytical data for January 2002 through September 2006 indicates tetrachloroethylene (PCE) and trichloroethylene (TCE) contamination of the public wells within the Maguayo system. Concentrations of these contaminants exceeded the Hazard Ranking System (HRS) Level I benchmarks throughout this time period and exceeded the Maximum Contaminant Level (MCL) for TCE on two occasions. Analytical results of aqueous samples collected by the Region 2 site Assessment Team 2 (SAT 2) in July 2008 confirmed the presence of PCE and TCE at concentrations above their respective HRS Level I benchmarks.

On August 27, 2009, SAT 2 observed the Laundry Espinosa dry cleaning facility. Laundry Espinosa is a dry cleaner that has been operating at the current location for 30 years. Observations made during the facility inspection indicated that the site is currently clean and well-maintained. No wastes are stored outside and no signs of spills or discharges were noted. The facility currently uses Exol™, an ethanol-based cleaning solution.

Based on possible historical use of PCE as a cleaning solvent (as is common in the dry cleaning industry) and the length of time that dry cleaning has been conducted at the site (i.e., 30 years), the Laundry Espinosa facility is recommended for further assessment under CERCLA.

Checklist preparer: Scott Snyder
Print name/signature

9/23/09
Date

Title: Principle Project Scientist, Weston Solutions, Inc.

Date: 9/23/09

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Regional EPA Reviewer: _____
Print name/signature

Date

ATTACHMENT 1

REQUIRED INFORMATION FOR SITE COORDINATES

Please provide Latitude and Longitude in decimal degrees.

- a. Accuracy meters: Describe the accuracy value as a range (+/-) of the latitude and longitude in meters: 1.02

- b. Collection method: Describe the method used to determine the site coordinates.

☐ Address matching

- ☐ Block Face
- ☐ Digitized
- ☐ House Number
- ☐ Nearest Intersection
- ☐ Primary Name
- ☐ Street Centerline
- ☐ Other (specify) _____

☐ Interpolation

- ☐ Map
- ☐ Digital map source (TIGER)
- ☐ Photo
- ☐ Satellite
- ☐ MSS
- ☐ SPOT
- ☐ TM
- ☐ Other (specify) _____

☒ Global Positioning System

- ☐ Carrier phase kinematic relative positioning technique
- ☐ Carrier phase static relative positioning technique
- ☐ Code measurements (pseudo range) differential (DGPS)
- ☐ Code measurements (pseudo range) precise positioning service
- ☐ Code measurements (pseudo range) standard positioning service SA off
- ☐ Code measurements (pseudo range) standard positioning service SA on
- ☒ GPS unspecified

☐ Public land Survey

- ☐ Footing
- ☐ Quarter section
- ☐ Eighth section
- ☐ Sixteenth section
- ☐ Section

☐ Census

- ☐ Block - 1990 - centroid
- ☐ Block/group - 1990 - centroid
- ☐ Block tract - 1990 - centroid
- ☐ Other (specify) _____

☐ Loran C

- ☐ Classical Surveying Techniques
- ☐ Zip Code Centroid
- ☐ Zip+2 Centroid

- ☐ Zip+4 Centroid
- ☐ Unknown
- ☐ Other (specify) _____

c. Reference Datum: Please describe the reference datum of the latitude and longitude

- ☐ NAD27
- ☐ NAD83
- ☒ WGS84
- ☐ Other (specify) _____
- ☐ Unknown

d. Reference Point: Describe the category of feature referenced by the site coordinates

- ☐ Administrative building
- ☐ Air monitoring station
- ☐ Air release
 - ☐ Stack
 - ☐ Vent
- ☐ Atmosphere emissions treatment unit
- ☐ Boundary point
- ☐ Center of facility/centroid
- ☐ Facility/station building entrance
- ☐ Intake point
- ☐ Lagoon or settling pond
- ☐ Liquid waste treatment unit
- ☐ Loading area centroid
- ☐ Loading facility
- ☐ Monitoring point
- ☐ Northeast corner of land parcel
- ☐ Northwest corner of land parcel
- ☐ Plant Entrance
 - ☐ Freight
 - ☐ General
 - ☐ Personnel
- ☐ Process Unit
- ☐ Process Unit area centroid
- ☐ Southeast corner of land parcel
- ☐ Southwest corner of land parcel
- ☐ Solid waste treatment/disposal unit
- ☐ Solid waste storage area
- ☐ Water monitoring station
- ☐ Water release pipe
- ☐ Well
- ☐ Well protection area
- ☐ Within limits of groundwater plume
- ☒ Other (specify) Driveway entrance (customer parking)
- ☐ Unknown

e. Source Map Scale: Describe the scale of the source used to determine the site coordinates

- ☐ 1:10,000

- ☐ 1:12,000
- ☐ 1:15,840
- ☐ 1:20,000
- ☐ 1:24,000
- ☐ 1:25,000
- ☐ 1:50,000
- ☐ 1:62,500
- ☐ 1:63,360
- ☐ 1:100,000
- ☐ 1:125,000
- ☐ 1:250,000
- ☐ 1:500,000
- ☒ None
- ☐ Other (specify) _____
- ☐ Unknown

f. Point/line/area: Describe the area defined by the coordinates

- ☐ Area
- ☐ Line
- ☒ Point
- ☐ Region
- ☐ Route
- ☐ Unknown

g. Collection Date: Please provide the date the site coordinates were obtained: **8/27/2009**

ATTACHMENT 2

SITE TYPE MAIN CATEGORIES AND SUB CATEGORIES

Manufacturing/processing/maintenance

Chemicals and allied products
Radioactive products
Primary metals/mineral processing
Oil and gas refining
Metal fabrication/finishing/coating and allied industries
Lumber and wood products/pulp and paper
Lumber and wood products/wood preserving/treatment
Plastics and rubber products
Electronic/electrical equipment
Coal gasification
Ordnance production
Coke production
Trucks/ships/trains/aircraft and related components
Tanneries
Fabrics/textiles
Other (please specify)

Waste Management

Municipal solid waste landfill
Industrial waste landfill
Co-disposal landfill (municipal and industrial)
Industrial waste facility (non-generator)
Radioactive waste treatment, storage, disposal (non-generator)
Mine tailings disposal
Illegal disposal/open dump
Other (please specify)

Recycling

Batteries/scrap metals/secondary smelting/precious metal recovery
Waste/used oil
Automobiles/tires
Drums/tanks
Chemicals/chemical waste (e.g., solvent recovery)
Other (please specify)

Mining

Coal
Oil and gas
Metals
Non-Metal minerals
Other (please specify)

Other

Treatment works/septic tanks/other sewage treatment
Transportation (e.g., railroad yards, airport, barge docking site)
Product storage/distribution
Groundwater plume site with no identifiable source
Contaminated sediment site with no identifiable source
Retail/commercial (e.g., dry cleaners)
Agricultural (e.g., grain elevators)
Spill or other one time event
Military
Research, development, and testing facility
Dust control
Other (please specify)